

Table 5B

[illegible]

Table 5C

Gene	Accession	Seq	SEQ ID NO.
KRT14	NM_000526	GGCCTGCTGAGATTCAMAGACTACAGTCCCTACTCTCAAGACCATTAGAGACTTGAGGAAACCAAGATTCTCACAGCCACAGTGGAC	63
KRT17	NM_000422	CGAGGATTGGTCTTCAGGAGGACAGAGGACTGACCGGACGTCGAGCTGGCTGGCAGAGT	64
KRT18	NM_000224	AGAGATGACGAGGCTCTTCACGAGGAGGAGTGCGTCTTCATGAGGAAAGAGACCAAGAGAGGAAAGTAAAGGGCC	65
KRT19	NM_002276	TGAGCGCGGAAATTCAGGAGTACCGAGCGCGCTCATGGACATCAAGTCTGCGGGCTGGAGCGAGGAGATTGCCACTTACCGCA	66
KRT5	NM_000424	TCAGTGGAGAAAGGAGATTGGACCAAGTACAGATCTGTTGTTGTCACCAAGCAAGTCTTGCTCTGGATATGGCA	67
KRT8	NM_002273	GGATGAAAGCTTACATGAAACAGGTAGAGCTGGAATCTCTGCTGGAAAGGGCTGACCGACAGATCAACTCTCTGAGCGACTATATG	68
LOT1 variant 1	NM_002659	GGAAAGACCACTTGAAAAACCCACTCCAGACCCACGACCCCAACAAATG90CTT1TG6GTGGAGAGTGTGGGAAAGGATAC	69
Mesp1n	NM_002659	CACAATGCCACCTTGAGAGACTTATTAAGCTGACACCAAGCTGTGAACACCAAGCAACCAAAATCTTGATGTGATTAGTCTGCC	70
MCM2	NM_004526	GACTTTTGCCCGCTAACCTTTCATATCCGGGCGTGAACACATAGAGCTGTTGCTCTTCATACGTGAAGCAGATAGTGGC	71
MCM3	NM_002388	GGAGAACCAATCCCTTGAGACAGAAATATGGCCCTTCTGCTCAACAGATACACAGACATCACCATCCAGAGAGAT	72
MCM6	NM_005915	TGATGGTCCATATGTGCATATTCATACAGATTTCAACCAACAGAGCTTCAAGCATCTCTTGTTGTTCTCTGTCCCA	73
MCM2	NM_002392	CTACAGGGACCGCCATCGAATCCGGATCTTGATGCTGTGATGAGTGAACATTCAAGTATGGTTGGAT	74
MMP9	NM_004994	GAGAACCAATCTCACCCGACAGGCGAGCTGGCAAGGAGATACCTGTACCGCTATG9TTCACACTGGGGTG	75
MMP9	NM_004689	CCGCGCTCACTGAAGAGAAAGCGCGCTCTTGCGGACACTGGGGGAGAGAGGAAAGCGCGCTAACCTATTCC	76
MTA1	NM_002466	GCCGAGATGCGCCAAAGATTGTGCCAGGGAGGACAGACATGCTGTGAAGATCACTG5AACTCTCCATCAATMAAG	77
MTB1.2	NM_002466	CCCTCGTGGCTGATGCTACTGAGGAGGCCAAGCGCTAGAGGCGACGACGCGCTCTAGAAAGACAGTCAATGATG	78
P14ARF	S78535	C9GTGGACACACAGAGATTAAACCCG9G9ACTTGGAGAAAGCACTGACAGACATGGAAAGAGCGCAGCC	79
P27	NM_004094	CGGTGGACACACAGAGATTAAACCCG9G9ACTTGGAGAAAGCACTGACAGACATGGAAAGAGCGCAGCC	80
P53	NM_000546	CTTTGACCCCTTGCTGTGCAATAGGTGTGCGTACAGAGCACCCAGGACTTCCATTTTGGTTTGTCCCGGG	81
PAI1	NM_000602	CCGCAACGTGGTTTCTCAACCCATGAGGGGTGGCCTCGGTGTGGTGGCCATGCTCCAGCTGACCAACAGAGAAACCCAGCA	82
PDGFRB	NM_002609	CCAGGCTCTCTCCAGCTGACAGATCAATGTCCCTGTCCGAGTGTCCGAGCTAGTGAAGAGCACCC	83
PIK3CA	NM_002845	ATACCAATCACCGGACCAACCCAGGGCTATTGTTAGTCCAGTCAAGTCAACAGCCGMAAGAAACATATGGGAGMAAATGCTAGTGTG	84
PPM1D	NM_003620	GCCATCCGCAAAAGGCTTTCTG9GCTGTGCACCTTCCCATGTGGAGAAAGCTTGGCG9GAAATG9GC	85
PR	NM_000916	GCATCGAGGCTTATGTTGCTGTCTACGACACCTCATGGGACTTGAAGCTCTTTAGAGAGAGCATAGMAAGGGCCAGCACACTACT	86
PRAME	NM_006115	TCCTCAATATGCTCTTGCAAGAGTCTCTCTGCAAGACCTCATGGGACTTGAAGCAATCTGACCCCAAGTGC	87
P52	NM_003225	GGCCTCCCAATGTGCAAAATAGGGGCTGTGTTTCACACACACGCTGTGGGGTCCCGCTGGTGTCTATCTATATACATCGACG	88
RAD51C	NM_056216	GAACTCTTGGAGGAGGAGACATACCCAGGGGCTCATATCACCTTTGTTGACGACTAGATGATTTCTTGGGGGTGA	89
RB1	NM_000321	CGAAAGCCCTACAGTTCCTGAGTTCCCTATCCCTATCGAATTCCTGGAGGGAAATCTATATTTCAACCTGAAAGAGTCC	90
RIZ1	NM_012321	CCAGAGGAGGATTAAGAAAGCGGCTGTGAGGTGAATGATTTGGGGGAGAGAGAGAGAGAGAGAGGAA	91
STK15	NM_003600	CATCTTCCAGAGGAGACACTCTCTGTGGGACCCCTGAGCTACCTBCCCCCTGAAATGATTTGAAGGTGGGA	92
STM3	NM_005940	CCTGGAGGCTGCAACATACCTTCATCTGTGCCAGGCGGAGATCTCTCTGTAAGGCCCTTTTCCACAGCTGTCTATCTCCAAAGCCATTGTA	93
STX15	NM_001168	TGTTTGTATCCCGGGCTTACAGAGTGAAGAGTGAAGGAGGAGAAAGGACAGTGTCCCTTTTGTAGAGCTGACAGGCTTG	94

Table 5D

Gene	Accession	Seq	SEQ ID NO.
TBP	NM_003194	GCCTGAAAGCGCGAATATATTCGCAAGCGGTTTGCTGCGGTATCATGAGGATAGAGACCCAG	94
TGFA	NM_003236	GGGTGTGCCACAGACCTTCCTACTGTGGCCCTGTATATCACTGTSCAGCCCTTTTGTGGCCCTTCAAACCTGTCAAGAACCTCGT	95
TMF1	NM_003254	TCCCTGTGCGGTCCAGATATAGCCTGAAATCCGTGCGCCGGAATGGAAGCTGACAGGTGTCCACCGCTGTTCCAC	96
TOP2A	NM_001067	AATCCAAAGGGGAGAGTGAATGACTTCCATATGAACTTTGACTAGCTGTGAGCTCTCTCTGAGCCAAATCTGTAC	97
TOP2B	NM_001068	TGTGACATCTTCCCTCAGACCTTCCTACTGAGCCACCTCTCTGCGACGAAACCGGTCGGGCTAG	98
TP	NM_001853	CTATATGACAGCGAAGATGTGACAGCGACCGGTGGACAGCCTGGCAGCTCATCAAGCCTCCATTCTGATAGAAACTCGTGG	99
TP33BP2	NM_005426	GGGCCAAATATTCAAGAAGCTTTTATATCAGAGGAGCCACCCATTAGCGGCCCATGAGAGCCATCTCTGTCCCATCATACCATCC	100
TRAIL	NM_003810	CTTCACAGTGTCTCTGAGTGTCTCTGTGTGGCTGTAACTGTACGTGTACTTTAACCAAGAGCTGAAACAGATG	101
TS	NM_001071	GCCTGAGTGTGCTCTTTCACATCGCCAGCTACGCCCTGCTCAGCTACATGATTTGCGACATCGACG	102
UPA	NM_002858	GTGGATGTGCCCTGAAAGGAGCAAGCCAGGCGCTCTACACGAGAGTCTCACACTCTTACCCCTGGATCCGCAAG	103
VDR	NM_000376	GCCTGGATTTCAGAAAGAGCCAAAGTCTGGACTCTGGGACCCCTTCTCTCTCCCTGAGCTGTAACT	104
VEGF	NM_003376	CTGCTGTCTGGGTTGCAATTTGGAGCCCTTGCTGTCTCTCTCTCACTCCACCATGGCCAAAGTGTCTCCAGGCTGC	105
VEGFB	NM_003377	TGACGATGGCTGTGAGTGTGTGGCCAGTGTGGGAGCAGCAAGTCCGGAATGCGAGATCCCTCATGATCCGGTACC	106
WISP1	NM_003882	AGAGGCAATCATGAACTTCAACCTTGCGGAGCTGCATGAGCAACAGCTCTCATCAACCCAAAGTACTGTGGAAGTTTG	107
XIAP	NM_001167	GCAAGTTGGGAAGACACAGGAAAGTATCCCCAAATTTGAGATTTATCAAGCGCTTTATCTGAAATATAGTGCACGCA	108
YB-1	NM_004559	AGAGCTGTGGAAGTTTGATGTGTTTGAAGGAGGAAAGGAGTGGCGAGGCGCAAGCAATGTTTACAGGTCCTGTGTGTTC	109
ZNF217	NM_006526	ACCCAGTAGCAAGGAGAAAGCCCACTCACTGCTCGAGTGTGGCAAAAGCTTTCAAGAACCTTACCAACAGCTG	110

Table 6A

Gene	Accession	Probe Name	Seq	Length	SEQ ID NO:
AIB1	NM_006534	S1994/AIB1.f3	GCGGCGAGTTTCCGATTITA	19	111
AIB1	NM_006534	S1995/AIB1.r3	TGAGTCCACCATTCCAGCAAGT	21	112
AIB1	NM_006534	S5055/AIB1.p3	ATGGCGCGGGAGGATCAAAA	21	113
AKT1	NM_005163	S0010/AKT1.f3	CGCTTCTATGGCGCTGAGAT	20	114
AKT1	NM_005163	S0012/AKT1.r3	TCCCGGTACACCACGTTCTT	20	115
AKT1	NM_005163	S4776/AKT1.p3	CAGCCCTGGACTACCTGCACCTCGG	24	116
AKT2	NM_001626	S0828/AKT2.f3	TCCTGCCACCCCTTCAAACC	19	117
AKT2	NM_001626	S0829/AKT2.r3	GGCGGTAAATTCATCATCGAA	21	118
AKT2	NM_001626	S4727/AKT2.p3	CAGGTACAGTCCGAGGTCGACACA	24	119
APC	NM_000038	S0022/APC.f4	GGACAGCAGGAATGTGTTTC	20	120
APC	NM_000038	S0024/APC.r4	ACCCACTCGATTGTGTTCTG	20	121
APC	NM_000038	S4888/APC.p4	CATTGGCTCCCCGTGACCTGTA	22	122
AREG	NM_001657	S0025/AREG.f2	TGTGAGTGAAATGCCCTCTAGTAGTGA	27	123
AREG	NM_001657	S0027/AREG.r2	TTGTGGTTCGTTATCATACTCTTCTGA	27	125
AREG	NM_001657	S4889/AREG.p2	CCGTCTCTCGGAGCCGACTATGA	23	124
B-actin	NM_001101	S0034/B-acti.f3	CAGCAGATGTGGATCAGCAAG	21	126
B-actin	NM_001101	S0036/B-acti.p2	GCATTGCGGTGGACGAT	18	127
B-actin	NM_001101	S4730/B-acti.p2	AGGAGTATGACGAGTCCGCGCCCC	23	128
B-Catenin	NM_001904	S2150/B-Cate.f3	GGCTCTTGTGCGTACTGTCCTT	22	129
B-Catenin	NM_001904	S2151/B-Cate.r3	TCAGATGACGAAGAGCACAGATG	23	130
B-Catenin	NM_001904	S5046/B-Cate.p3	AGGCTCAGTGATGTCTCCCTGTCAACCAG	29	131
BAD	NM_032989	S2011/BAD.f1	GGTCCAGGTGCCTCGAGAT	19	132
BAD	NM_032989	S2012/BAD.r1	CTGCTCACTCGGCTCAAATC	21	133
BAD	NM_032989	S5058/BAD.p1	TGGGCCCAGAGCATGTTCCAGATC	24	134
BAG1	NM_004323	S1386/BAG1.f2	CGTTGTCAGCATTTGGAATACAA	23	135
BAG1	NM_004323	S1387/BAG1.r2	GTTCAACCTCTTCTGTGGACTGT	24	135
BAG1	NM_004323	S4731/BAG1.p2	CCCAATTAAACATGACCCCGCAACCAT	26	137
BBC3	NM_014417	S1584/BBC3.f2	CCTGGAGGGTCTGTACAA	20	138
BBC3	NM_014417	S1585/BBC3.r2	CTAATTGGGCTCCATCTCG	19	139
BBC3	NM_014417	S4890/BBC3.p2	CATCATGGGACTCCTGCCCTTACC	24	140
Bcl2	NM_000633	S0043/Bcl2.f2	CAGATGGACCTAGTACCCACTGAGA	25	141
Bcl2	NM_000633	S0045/Bcl2.r2	CCTATGATTAAAGGGCATTTTTC	24	143
Bcl2	NM_000633	S4732/Bcl2.p2	TTCCACGCCGAAGGACGCGAT	22	142
CA9	NM_001216	S1398/CA9.f3	ATCCTAGCCCTGGTTTTTGG	20	144
CA9	NM_001216	S1399/CA9.r3	CTGCCCTTCTCATCTGCACAA	20	145
CA9	NM_001216	S4938/CA9.p3	TTTGCTGTACCAGCGTGC	20	146
CCNB1	NM_031966	S1720/CCNB1.f2	TTCAAGTTGTTGCAGGAGAC	20	147
CCNB1	NM_031966	S1721/CCNB1.r2	CATCTTCTTGGGCACACAAT	20	148
CCNB1	NM_031966	S4733/CCNB1.p2	TGTCTCCATTATTGATCGGTTTCATGCA	27	149
CCND1	NM_001758	S0058/CCND1.f3	GCATGTTTCGTGGCCTCTAAGA	21	150
CCND1	NM_001758	S0060/CCND1.r3	CGGTGTAGATGCACGCTTCTC	22	151
CCND1	NM_001758	S4986/CCND1.p3	AAGGAGACCATCCCCCTGACGGC	23	152
CCNE1	NM_001238	S1448/CCNE1.f1	AAAGAAGATGATGACCCGGTTTAC	24	153
CCNE1	NM_001238	S1447/CCNE1.r1	GAGCCTCTGGATGGTGAAT	20	154
CCNE1	NM_001238	S4944/CCNE1.p1	CAAACCTCAACGTGCAAGCCTCGGA	24	155

Table 6B

Gene	Accession	Probe Name	Seq	Length	SEQ ID NO:
CCNE2	NM_057749	S1458/CCNE2.f2	ATGCTGTGGCTCCTTCCTAACT	22	<u>156</u>
CCNE2	NM_057749	S1459/CCNE2.r2	ACCCAAATTGTGATATACAAAAGGTT	27	<u>157</u>
CCNE2	NM_057749	S4945/CCNE2.p2	TACCAAGCAACCCTACATGTCAAGAAAGCC	30	<u>158</u>
CD3z	NM_000734	S0064/CD3z.f1	AGATGAAGTGAAGAGCGCTT	20	<u>159</u>
CD3z	NM_000734	S0068/CD3z.r1	TGCCTCTGTAATCGGCAACTG	21	<u>161</u>
CD3z	NM_000734	S4988/CD3z.p1	CACCGCGGCCATCCTGCA	18	<u>160</u>
CD68	NM_001251	S0067/CD68.f2	TGGTCCAGCCCTGTGT	18	<u>162</u>
CD68	NM_001251	S0069/CD68.r2	CTCCTCCACCCTGGGTTGT	19	<u>164</u>
CD68	NM_001251	S4734/CD68.f1	CTCCAAGCCCAAGATTGATTCGAGTCA	28	<u>163</u>
CD9	NM_001769	S0686/CD9.p2	GGCGTGAAGACAGTTTATCT	20	<u>165</u>
CD9	NM_001769	S0687/CD9.r1	CACGGTGAAGGTTTCGAGT	19	<u>166</u>
CD9	NM_001769	S4792/CD9.p1	AGACATCTGCCCAAGAGGACGT	24	<u>167</u>
CDH1	NM_004360	S0073/CDH1.f3	TGAGTGTCCCCGGTATCTTC	21	<u>168</u>
CDH1	NM_004360	S0075/CDH1.r3	CAGCGCTTTTCAGATTTTCAT	21	<u>169</u>
CDH1	NM_004360	S4990/CDH1.p3	TGCAATCCCGATGAAATTGGAAATTT	27	<u>170</u>
CEGP1	NM_020974	S1494/CEGP1.f2	TGACAATCAGCACCTGCAT	21	<u>171</u>
CEGP1	NM_020974	S1495/CEGP1.f2	TGTGACTACAGCCGTGATCCTTA	23	<u>172</u>
CEGP1	NM_020974	S4735/CEGP1.p2	CAGGCCCTCTTCGAGCGGT	20	<u>173</u>
Chk1	NM_001274	S1422/Chk1.f2	GATAAATTGGTACAAGGGATCAGCTT	26	<u>174</u>
Chk1	NM_001274	S1423/Chk1.r2	GGGTGCCAAGTAAGTCACTATTCA	24	<u>175</u>
Chk1	NM_001274	S4941/Chk1.p2	CCAGCCACATGTCCTGATCATATGC	26	<u>176</u>
CIAP1	NM_001166	S0764/CIAP1.f2	TGCCTGTGGTGGGAAGCT	18	<u>177</u>
CIAP1	NM_001166	S0765/CIAP1.r2	GGAAATGCCTCCGGTGT	19	<u>178</u>
CIAP1	NM_001166	S4802/CIAP1.p2	TGACATAGCATCATCCTTTGGTCCCAGTT	30	<u>179</u>
clAP2	NM_001165	S0076/clAP2.f2	GGATATTTCCGTGGCTCTATTCA	24	<u>180</u>
clAP2	NM_001165	S0078/clAP2.r2	CTTCTCATCAAGGCAGAAAATCTT	25	<u>182</u>
clAP2	NM_001165	S4991/clAP2.p2	TCTCCATCAAATCCTGTAACTCCAGAGCA	30	<u>181</u>
cMet	NM_000245	S0082/cMet.f2	GACATTTCCAGTCCTGCAGTCA	22	<u>183</u>
cMet	NM_000245	S0084/cMet.r2	CTCCGATCGCACACATTTGT	20	<u>185</u>
cMet	NM_000245	S4993/cMet.p2	TGCCTCTCTGCCCAACCCTTTGT	23	<u>184</u>
Contig 27882	AK000618	S2633/Contig.f3	GGCATCTGGCCCAAAGT	18	<u>186</u>
Contig 27882	AK000618	S2634/Contig.r3	GACCCCTCAGCTGGTAGTTG	21	<u>187</u>
Contig 27882	AK000618	S4977/Contig.p3	CCCAAATCCAGCGGCTAGAGGC	23	<u>188</u>
COX2	NM_000963	S0088/COX2.f1	TCTGCAGAGTTGGAAGCACTCTA	23	<u>189</u>
COX2	NM_000963	S0090/COX2.r1	GCCGAGGCTTTTCTACCAAGAA	21	<u>191</u>
COX2	NM_000963	S4995/COX2.p1	CAGGATACAGCTCCACAGCATCGATGTC	28	<u>190</u>
CTSL	NM_001912	S1303/CTSL.f2	GGGAGGCTTATCTCACTGAGTGA	23	<u>192</u>
CTSL	NM_001912	S1304/CTSL.r2	CCATTGCAGCCTTCATTGC	19	<u>193</u>
CTSL	NM_001912	S4899/CTSL.p2	TTGAGGCCAGAGCAGTCTACAGATTCT	29	<u>194</u>
CTSL2	NM_001333	S4354/CTSL2.f1	TGCTCACTGAGCGAGCAGAA	21	<u>195</u>
CTSL2	NM_001333	S4355/CTSL2.r1	ACCATTGCAGCCCTGATTG	19	<u>196</u>
CTSL2	NM_001333	S4356/CTSL2.p1	CTTGAGGAGCGCAACAGTCCACCA	24	<u>197</u>

Table 6C

Gene	Accession	Probe Name	Seq	Length	SEQ ID NO.
DAFK1	NM_004938	S1768/DAFK1.f3	CGCTGACATCATGAATGTTCTCT	22	<u>198</u>
DAFK1	NM_004938	S1769/DAFK1.f3	TCTCTTTTACGACACGATGTGTCTT	24	<u>199</u>
DAFK1	NM_004938	S4927/DAFK1.p3	TCATATCCAAACTCGCCTCCAGCCG	25	<u>200</u>
DIABLO	NM_019887	S0808/DIABLO.f1	CACAATGGCGGCTCTGAAG	19	<u>201</u>
DIABLO	NM_019887	S0809/DIABLO.r1	ACACAAACACTGTCTGTACCTGAAGA	26	<u>202</u>
DIABLO	NM_019887	S4813/DIABLO.p1	AAGTTACGCTGCGCGACAGCCAA	23	<u>203</u>
DR5	NM_003842	S2551/DR5.f2	CTCTGAGACAGTGCCTTCGATGACT	24	<u>204</u>
DR5	NM_003842	S2552/DR5.r2	CCATGAGGCCCAACTTCCT	19	<u>205</u>
DR5	NM_003842	S4979/DR5.p2	CAGACTTGGTGCCCTTTGACTCC	23	<u>206</u>
EGFR	NM_005228	S0103/EGFR.f2	TGTCGATGGACTTCCAGAAC	20	<u>207</u>
EGFR	NM_005228	S0105/EGFR.r2	ATTGGGACAGCTTGGATCA	19	<u>209</u>
EGFR	NM_005228	S4999/EGFR.p2	CACCTGGGCAGCTGCCAA	18	<u>208</u>
EIF4E	NM_001968	S0106/EIF4E.f1	GATCTAAGATGGCGAGTCTCGAA	23	<u>210</u>
EIF4E	NM_001968	S0108/EIF4E.r1	TTAGATTCCGTTTTCTCCTCTCTG	25	<u>211</u>
EIF4E	NM_001968	S5000/EIF4E.p1	ACCACCCCTACTCTTAATCCCCGACT	27	<u>212</u>
EMS1	NM_005231	S2663/EMS1.f1	GGCAGTGTCACTGAGCTCTTGA	22	<u>213</u>
EMS1	NM_005231	S2664/EMS1.r1	TGCACTGTGCGTCCCAAT	18	<u>214</u>
EMS1	NM_005231	S4956/EMS1.p1	ATCCTCCCCTGCCCCGCG	18	<u>215</u>
EpCAM	NM_002354	S1807/EpCAM.f1	GGGCCCTCCAGAACATGAT	20	<u>216</u>
EpCAM	NM_002354	S1808/EpCAM.r1	TGCACTGCTTGGCCTTAAAGA	21	<u>217</u>
EpCAM	NM_002354	S4984/EpCAM.p1	CCGCTCTCATCGCAGTCAGGATCAT	25	<u>218</u>
EPHX1	NM_000120	S1865/EPHX1.f2	ACCGTAGGCTCTGCTCTGAA	20	<u>219</u>
EPHX1	NM_000120	S1866/EPHX1.r2	TGGTCCAGGTGAAAACTTC	20	<u>220</u>
EPHX1	NM_000120	S4754/EPHX1.p2	AGGCAGCCAGACCCACAGGA	20	<u>221</u>
ErbB3	NM_001982	S0112/ErbB3.f1	CGGTTATGTCATGCCAGATACAC	23	<u>222</u>
ErbB3	NM_001982	S0114/ErbB3.r1	GAAGTACAGCCACTGAAGAAAGG	24	<u>224</u>
ErbB3	NM_001982	S5002/ErbB3.p1	CCTCAAAGGTACTCCCTCCTCCCGG	25	<u>223</u>
EstR1	NM_000125	S0115/EstR1.f1	CGTGGTGCCCTCTATGAC	19	<u>225</u>
EstR1	NM_000125	S0117/EstR1.r1	GGCTAGTGGGCGCATGTAG	19	<u>227</u>
EstR1	NM_000125	S4737/EstR1.p1	CTGAGATGCTGGACGCC	19	<u>226</u>
FBXO5	NM_012177	S2017/FBXO5.r1	GGATTGTAGACTGTACCCGAAATTC	25	<u>228</u>
FBXO5	NM_012177	S2018/FBXO5.f1	GGCTATTCTCATTTTCTACAAAGTG	28	<u>229</u>
FBXO5	NM_012177	S5061/FBXO5.p1	CCTCCAGGAGGCTACCTTCTTCATGTTTCAG	30	<u>230</u>
FGF18	NM_003862	S1665/FGF18.f2	CGGTAGTCAAGTCCCGATCAA	21	<u>231</u>
FGF18	NM_003862	S1666/FGF18.r2	GCTTGCTTTGGGGTTCA	18	<u>232</u>
FGF18	NM_003862	S4914/FGF18.p2	CAAGGAGACGGAATTCTACCTGTGC	25	<u>233</u>
FGFR1	NM_023109	S0818/FGFR1.f3	CACGGGCATTCACCATC	20	<u>234</u>
FGFR1	NM_023109	S0819/FGFR1.r3	GGGTGCCATCCACTTCACA	19	<u>235</u>
FGFR1	NM_023109	S4816/FGFR1.p3	ATAAAAAGACAACCAACGCCGACTGC	27	<u>236</u>
FHIT	NM_002012	S2443/FHIT.f1	CCAGTGGAGCGCTTCCAT	18	<u>237</u>
FHIT	NM_002012	S2444/FHIT.r1	CTCTCTGGGTCTGTGAAACAA	22	<u>238</u>
FHIT	NM_002012	S2445/FHIT.p1	TCGGCCACTTCATCAGGACGCAG	23	<u>239</u>
FHIT	NM_002012	S4921/FHIT.p1	TCGGCCACTTCATCAGGACGCAG	23	<u>239</u>
FRP1	NM_003012	S1804/FRP1.f3	TTGGTACCTGTGGTTAGCA	20	<u>240</u>
FRP1	NM_003012	S1805/FRP1.r3	CACATGCCAAATGCCAACTGG	20	<u>241</u>

Table 6D

Gene	Accession	Probe Name	Seq	Length	SEQ ID NO:
FRP1	NM_003012	S4983/FRP1.p3	TCCCAGGGTAGAATTCAATCAGAGC	26	242
G-Catenin	NM_002230	S2153/G-Cate.f1	TCAGCAGCAAGGGCATCAT	19	243
G-Catenin	NM_002230	S2154/G-Cate.r1	GGTGGTTTTCCTTGAGCGGTACT	23	244
G-Catenin	NM_002230	S5044/G-Cate.p1	CGCCCGCAGGCCTCATCCT	19	245
GAPDH	NM_002046	S0374/GAPDH.f1	ATTCCACCCATGGCAAATTC	20	246
GAPDH	NM_002046	S0375/GAPDH.r1	GATGGGATTTTCATTGATGACA	22	247
GAPDH	NM_002046	S4738/GAPDH.p1	CCGTCTCAGCCTTGACGGTGC	22	248
GATA3	NM_002051	S0127/GATA3.f3	CAAAGGAGCTCACTGTGGTGCT	23	249
GATA3	NM_002051	S0129/GATA3.r3	GAGTCAGAATGGCTTATTCACAGATG	26	251
GATA3	NM_002051	S5005/GATA3.p3	TGTTCCAACCACTGAATCTGGACC	24	250
GRB7	NM_005310	S0130/GRB7.f2	CCATCTGCATCCATCTTGTT	20	252
GRB7	NM_005310	S0132/GRB7.r2	GGCCACCAGGATATATCTG	20	254
GRB7	NM_005310	S4726/GRB7.p2	CTCCCCACCCCTTGAGAAGTGCCCT	23	253
GRO1	NM_001511	S0133/GRO1.f2	CGAAAAGATGCTGAACAGTGACA	23	255
GRO1	NM_001511	S0135/GRO1.r2	TCAGGAACAGCCACCACTGA	20	256
GRO1	NM_001511	S5006/GRO1.p2	CTTCTCCTCCCTCTGGTCAGTTGGAT	28	257
GSTM1	NM_000561	S2026/GSTM1.r1	GGCCAGCTTGAATTTTCA	20	258
GSTM1	NM_000561	S2027/GSTM1.f1	AAGCTATGAGGAAAAGATACACGAT	27	259
GSTM1	NM_000561	S4739/GSTM1.p1	TCAGCCACTGGCTCTGCATAATCAGGA G	30	260
GUS	NM_000181	S0139/GUS.f1	CCCAGCTCAGTAGCCAAGTCA	20	261
GUS	NM_000181	S0141/GUS.r1	CACGCAGGTGGTATCAGTCT	20	263
GUS	NM_000181	S4740/GUS.p1	TCAAGTAAACGGGCTGTTTCCAAACA	27	262
HER2	NM_004448	S0142/HER2.f3	CGGTGTGAGAAGTGACAGCA	20	264
HER2	NM_004448	S0144/HER2.r3	CCTCTCGCAAGTGCTCCAT	19	266
HER2	NM_004448	S4729/HER2.p3	CCAGACCATAGCACACTCGGGCAC	24	265
HIF1A	NM_001530	S1207/HIF1A.f3	TGAACATAAAGCTGCAACATGGA	24	267
HIF1A	NM_001530	S1208/HIF1A.r3	TGAGGTTGGTTACTGTGGTATCATATA	28	268
HIF1A	NM_001530	S4753/HIF1A.p3	TTGCACTGCACAGGCCACATTCAC	24	269
HNF3A	NM_004496	S0148/HNF3A.f1	TCCAGGATGTTAGGAACTGTGAAG	24	270
HNF3A	NM_004496	S0150/HNF3A.r1	GCCTGTCTGCGTAGTACGCTGTT	22	271
HNF3A	NM_004496	S5008/HNF3A.p1	AGTCGCTGGTTTCATGCCCTCCA	24	272
ID1	NM_002165	S0820/ID1.f1	AGAACCGCAAGGTGAGCAA	19	273
ID1	NM_002165	S0821/ID1.r1	TCCAAGTGAAGGTCCTCATGATG	21	274
ID1	NM_002165	S4832/ID1.p1	TGGAGATTCTCCAGCAGCTCATCGAC	26	275
IGF1	NM_000618	S0154/IGF1.f2	TCCGGAGCTGTGATCTAAGGA	21	276
IGF1	NM_000618	S0156/IGF1.r2	CGACAGAGCGAGCTGACTT	20	278
IGF1	NM_000618	S5010/IGF1.p2	TGATTGCGCACCCCTCAAGCCTG	24	277
IGF1R	NM_000875	S1249/IGF1R.f3	GCATGGTAGCCGAAGATTCA	21	279
IGF1R	NM_000875	S1250/IGF1R.r3	TTTCCGGTAATGCTCTTCATAGATATC	30	280
IGF1R	NM_000875	S4895/IGF1R.p3	CGCGTCATACCAAAATCTCCGATTTTGA	28	281
IGFBP2	NM_000597	S1128/IGFBP2.f1	GTGGACAGCACCATTGAACA	19	282
IGFBP2	NM_000597	S1129/IGFBP2.r1	CCTTCATACCCGACTTGAGG	20	283
IGFBP2	NM_000597	S4837/IGFBP2.p1	CTTCGGCCAGCAGCTGCCCTC	20	284
IL6	NM_000600	S0760/IL6.f3	CCTGAACCTTCCAAGATGG	20	285

Table 6E

Gene	Accession	Probe Name	Seq	Length	SEQ ID NO:
IL6	NM_000600	S076/IL6.f3	ACCAGGCAAGTCTCCTCATT	20	286
IL6	NM_000600	S4800/IL6.p3	CCAGATTGGAAGCATCCATCTTTTCA	27	287
IRS1	NM_005544	S1943/IRS1.f3	CCACAGCTCACCTTCTGTGCA	20	288
IRS1	NM_005544	S1944/IRS1.r3	CCTCAGTGCCAGTCTCTTCC	20	289
IRS1	NM_005544	S5050/IRS1.p3	TCCATCCCAGCTCCAGCCAG	20	290
KI-67	NM_002417	S0436/KI-67.f2	CGGACTTTGGTGCGCACTT	19	292
KI-67	NM_002417	S0437/KI-67.r2	TTACAACCTCTCCACTGGGACGAT	24	293
KI-67	NM_002417	S4741/KI-67.p2	CCACTTGTGCAACCACCGCTCGT	23	291
KLK10	NM_002776	S2624/KLK10.f3	GCCAGAGGCTCCATCGT	18	294
KLK10	NM_002776	S2625/KLK10.r3	CAGAGGTTTGAACAGTGACAGACA	23	295
KLK10	NM_002776	S4978/KLK10.p3	CCTCTCCTCCCGCAGCTGCTGA	23	296
KRT14	NM_000526	S1853/KRT14.f1	GGCCTGCTGAGATCAAGAC	20	297
KRT14	NM_000526	S1854/KRT14.r1	GTCCACTGTGGCTGTGAGAA	20	298
KRT14	NM_000526	S5037/KRT14.p1	TGTTCTCAGTCCCTCAATGGTCTTG	26	299
KRT17	NM_000422	S0172/KRT17.f2	CGAGGATTGGTCTTCAAGCA	21	300
KRT17	NM_000422	S0174/KRT17.r2	ACTCTGCACCACTCACTGTTG	22	301
KRT17	NM_000422	S5013/KRT17.p2	CACCTCGCGGTTCAAGTCTCTGT	24	302
KRT18	NM_000224	S1710/KRT18.f2	AGAGATCGAGGCTCTCAAGG	20	303
KRT18	NM_000224	S1711/KRT18.r2	GGCCTTTTACTTCTCTCTCG	20	304
KRT18	NM_000224	S4762/KRT18.p2	TGGTTCTTCTCATGAAGACGAGCTCC	27	305
KRT19	NM_002276	S1515/KRT19.f3	TGAGCGGCAGAAATCAGGAGTA	21	306
KRT19	NM_002276	S1516/KRT19.r3	TGCGGTAGGTGGCAATCTC	19	307
KRT19	NM_002276	S4868/KRT19.p3	CTCATGGACATCAAGTCGCGGCTG	24	308
KRT5	NM_000424	S0175/KRT5.f3	TCAGTGGAGAAAGGAGTTGGA	20	309
KRT5	NM_000424	S0177/KRT5.r3	TGCCATATCCAGAGGAAACA	20	311
KRT5	NM_000424	S5015/KRT5.p3	CCAGTCAACATCTCTGTTGTCAAGCA	28	310
KRT8	NM_002273	S2588/KRT8.f3	GGATGAAGCTTACATGAACAAGGTAGA	27	312
KRT8	NM_002273	S2589/KRT8.r3	CATATAGCTGCCTGAGGAAGTTGAT	25	313
KRT8	NM_002273	S4952/KRT8.p3	CGTCGGTCAGCCCTTCCAGGC	21	314
LOT1 variant 1	NM_002656	S0692/LOT1 v.f2	GGAAAGACCACCTGAAAAACCA	22	315
LOT1 variant 1	NM_002656	S0693/LOT1 v.r2	GTACTTCTTCCCACTCCTCACA	24	316
LOT1 variant 1	NM_002656	S4793/LOT1 v.p2	ACCCACGACCCCAACAAATGGC	23	317
Maspin	NM_002639	S0836/Maspin.f2	CAGATGGCCACTTTGAGAACATT	23	318
Maspin	NM_002639	S0837/Maspin.r2	GGCAGCATTAACAGGAGGATT	22	319
Maspin	NM_002639	S4835/Maspin.p2	AGCTGACAAACAGTGTGAACGACAGACC	28	320
MCM2	NM_004526	S1602/MCM2.f2	GACTTTTGCCCGCTACCTTTTC	21	321
MCM2	NM_004526	S1603/MCM2.r2	GCCACTAACTGCTTCAGTATGAAGAG	26	322
MCM2	NM_004526	S4900/MCM2.p2	ACAGCTCATTGTTGTACGCGCGGA	24	323
MCM3	NM_002388	S1524/MCM3.f3	GGAGAACAATCCCTTGAGA	20	324
MCM3	NM_002388	S1525/MCM3.r3	ATCTCCTGGATGGTGATGGT	20	325
MCM3	NM_002388	S4870/MCM3.p3	TGGCCTTTCTGTCTACAAGGATACCCA	27	326
MCM6	NM_005915	S1704/MCM6.f3	TGATGGTCCTATGTGTACATCCA	24	327
MCM6	NM_005915	S1705/MCM6.r3	TGGGACAGGAAACACACCAA	20	328

Table 6F

Gene	Accession	Probe Name	Seq	Length	SEQ ID NO.
MCM6	NM_005915	S4919/MCM6.p3	CAGGTTTCATACCAACACAGGTTTCAGCA C	30	329
MDM2	NM_002392	S0830/MDM2.f1	CTACAGGAGCCCATCGAA	19	330
MDM2	NM_002392	S0831/MDM2.r1	ATCCAACCAATCACCTGAATGTT	23	331
MDM2	NM_002392	S4834/MDM2.p1	CTTACACCAGCATCAAGATCCGG	23	332
MMP9	NM_004994	S0656/MMP9.f1	GAGAACCAATCTCACCGACA	20	333
MMP9	NM_004994	S0657/MMP9.r1	CACCCGAGTGTAAACCATAGC	20	334
MMP9	NM_004994	S4760/MMP9.p1	ACAGGTATTCTCTGCCAGCTGCC	24	335
MTA1	NM_004689	S2369/MTA1.f1	CCGCCCTCACCTGAAGAGA	19	336
MTA1	NM_004689	S2370/MTA1.r1	GGAATAAGTTAGCCCGCTTCT	22	337
MTA1	NM_004689	S4855/MTA1.p1	CCCAGTGTCCGCCAAGGAGCG	21	338
MYBL2	NM_002466	S3270/MYBL2.f1	GCCGAGATCGCCAAGATG	18	339
MYBL2	NM_002466	S3271/MYBL2.r1	CTTTTGATGGTAGAGTTCAGTGATTC	27	340
MYBL2	NM_002466	S4742/MYBL2.p1	CAGCATTGTCTGTCTCCCTGGCA	24	341
P14ARF	S78535	S2842/P14ARF.f1	CCCTCGTGCTGATGCTACT	19	342
P14ARF	S78535	S2843/P14ARF.r1	CATCATGACCTGGTCTCTTAGG	22	343
P14ARF	S78535	S4971/P14ARF.p1	CTGCCCTAGACGCTGGCTCCTC	22	344
p27	NM_004064	S0205/p27.f3	CGGTGGACCAAGAGAGTTAA	21	345
p27	NM_004064	S0207/p27.r3	GGCTCGCCTCTCCATGTC	19	347
p27	NM_004064	S4750/p27.p3	CCGGGACTTGGAGAAGCACTGCA	23	346
P53	NM_000546	S0208/P53.f2	CTTTGAACCTTGCTTGCAA	20	348
P53	NM_000546	S0210/P53.r2	CCCGGGACAAAGCAAATG	18	350
P53	NM_000546	S5065/P53.p2	AAGTCCTGGGTGCTCTGACGCACA	25	349
PAI1	NM_000602	S0211/PAI1.f3	CCGCAACGTGGTTTTCTCA	19	351
PAI1	NM_000602	S0213/PAI1.r3	TGCTGGGTTTCTCCTCTGTT	21	353
PAI1	NM_000602	S5066/PAI1.p3	CTCGGTGTGGCCATGCTCCAG	22	352
PDGFRb	NM_002609	S1346/PDGFRb.f3	CCAGCTCTCCTTCAGCTAC	20	354
PDGFRb	NM_002609	S1347/PDGFRb.r3	GGGTGGCTCTCACTAGTCT	20	355
PDGFRb	NM_002609	S4931/PDGFRb.p3	ATCAATGTCCCTGTCCGAGTGCTG	24	356
PI3KC2A	NM_002645	S2020/PI3KC2.r1	CACACTAGCATTTTTCTCCGATA	23	357
PI3KC2A	NM_002645	S2021/PI3KC2.f1	ATACCAATCACCGCACAAACC	21	358
PI3KC2A	NM_002645	S5062/PI3KC2.p1	TGCGCTGTGACTGGACTTAACAAATAGCCT	30	359
PPM1D	NM_003620	S3159/PPM1D.f1	GCCATCCGCAAGGCTTT	18	360
PPM1D	NM_003620	S3160/PPM1D.r1	GGCCATTCCGCCAGTTTC	18	361
PPM1D	NM_003620	S4856/PPM1D.p1	TGCTTTGTACCTTGCCATGTGG	23	362
PR	NM_000926	S1336/PR.f6	GCATCAGGCTGTCAATTATGG	20	363
PR	NM_000926	S1337/PR.r6	AGTAGTTGTGCTGCCCTTCC	20	364
PR	NM_000926	S4743/PR.p6	TGTCCTTACCTGTGGAGCTGAAGTGC	28	365
PRAME	NM_006115	S1985/PRAME.f3	TCTCCATATCTGCCTTGACAGAT	23	366
PRAME	NM_006115	S1986/PRAME.r3	GCACGTGGGTGACAGTTGCT	19	367
PRAME	NM_006115	S4756/PRAME.p3	TCCTGCAGCACCTCATCGGGCT	22	368
pS2	NM_003225	S0241/pS2.f2	GCCCTCCAGTGTGCAAT	19	369
pS2	NM_003225	S0243/pS2.r2	CGTCGATGGTATTAGGATAGAAGCA	25	371
pS2	NM_003225	S5026/pS2.p2	TGCTGTTTCGACGACACCGTTCC	23	370
RAD51C	NM_058216	S2606/RAD51C.f3	GAACCTCTTGAGCAGGACATACC	24	372

Table 6G

Gene	Accession	Probe Name	Seq	Length	SEQ ID NO.
RAD51C	NM_058216	S2607/RAD51C.r3	TCCACCCCAAGAATATCATCTAGT	25	373
RAD51C	NM_058216	S4764/RAD51C.p3	AGGGCTTCATAATCACCTTCTGTTC	25	374
RB1	NM_000321	S2700/RB1.f1	CGAAGCCCTTACAAGTTTCC	20	375
RB1	NM_000321	S2701/RB1.r1	GGACTCTTCAGGGGTGAAAT	20	376
RB1	NM_000321	S4765/RB1.p1	CCCTTACGGATTCTGTGGAGGAAC	24	377
RIZ1	NM_012231	S1320/RIZ1.f2	CCAGACGAGCGATTAGAAGC	20	378
RIZ1	NM_012231	S1321/RIZ1.r2	TCCTCCTCTCTCCTCCTCCTC	20	379
RIZ1	NM_012231	S4761/RIZ1.p2	TGTGAGGTGAATGATTGTGGGGA	23	380
STK15	NM_003600	S0794/STK15.f2	CATCTTCCAGGAGGCCACT	20	381
STK15	NM_003600	S0795/STK15.r2	TCCGACCTTCAATCATTTCA	20	382
STK15	NM_003600	S4745/STK15.p2	CTCTGTGGCACCCTGGACTACCTG	24	383
STMY3	NM_005940	S2067/STMY3.f3	CCTGGAGGCTGCAACATACC	20	384
STMY3	NM_005940	S2068/STMY3.r3	TACAATGGCTTTGGAGGATAGCA	23	385
STMY3	NM_005940	S4746/STMY3.p3	ATCCTCCTGAAGCCCTTTTCGCAGC	25	386
SURV	NM_001168	S0259/SURV.f2	TGTTTGTATCCCGGGCTTA	20	387
SURV	NM_001168	S0261/SURV.r2	CAAGAGCTGCAGCTTAGCAAAAG	24	389
SURV	NM_001168	S4747/SURV.p2	TGCCTTCTTCCCTCCCTCACTTCTCACT	28	388
TBP	NM_003194	S0262/TBP.f1	GCCCGAAACGCCGAATATA	19	390
TBP	NM_003194	S0264/TBP.r1	CGTGGCTCTCTTATCCTCATGAT	23	392
TBP	NM_003194	S4751/TBP.p1	TACCGCAGCAAAACCGCTTGGG	21	391
TGFA	NM_003236	S0489/TGFA.f2	GGTGTGCCACAGACCTTCTCT	20	393
TGFA	NM_003236	S0490/TGFA.r2	ACGGAGTCTTGACAGAGTTTGA	24	394
TGFA	NM_003236	S4768/TGFA.p2	TTGGCCTGTAATCACCTGTGCAGCCTT	27	395
TIMP1	NM_003254	S1695/TIMP1.f3	TCCTTGCCTGCCAGATAG	19	396
TIMP1	NM_003254	S1696/TIMP1.r3	GTGGGAACAGGGTGGACACT	20	397
TIMP1	NM_003254	S4918/TIMP1.p3	ATCCTGCCCGAGTGGAAGTGAAGC	25	398
TOP2A	NM_001067	S0271/TOP2A.f4	AATCCAAGGGGGAGATGTAT	20	399
TOP2A	NM_001067	S0273/TOP2A.r4	GTACAGATTTTGCCCGAGGA	20	401
TOP2A	NM_001067	S4777/TOP2A.p4	CATATGGACTTTGACTCAGCTGTGGC	26	400
TOP2B	NM_001068	S0274/TOP2B.f2	TGTGGACATCTTCCCTCCAGA	21	402
TOP2B	NM_001068	S0276/TOP2B.r2	CTAGCCCCGACCGTTCTGT	18	404
TOP2B	NM_001068	S4778/TOP2B.p2	TTCCCTACTGAGCCACCTTCTCTG	24	403
TP	NM_001953	S0277/TP.f3	CTATATGCAGCCAGAGATGTGACA	24	405
TP	NM_001953	S0279/TP.r3	CCACGAGTTTCTTACTGAGAATGG	24	407
TP	NM_001953	S4779/TP.p3	ACAGCCTGCCACTCATCACAGCC	23	406
TP53BP2	NM_005426	S1931/TP53BP.f2	GGGCCAAATATTCAGAAGC	19	408
TP53BP2	NM_005426	S1932/TP53BP.r2	GGATGGGTATGATGGGACAG	20	409
TP53BP2	NM_005426	S5049/TP53BP.p2	CCACCATAGCGGCATGGAG	20	410
TRAIL	NM_003810	S2539/TRAIL.f1	CTTCACAGTGCTCCTGCAGTCT	22	411
TRAIL	NM_003810	S2540/TRAIL.r1	CATCTGCTTACAGTCTGTTGGT	21	412
TRAIL	NM_003810	S4980/TRAIL.p1	AAGTACAGCTAAGTTACAGCCACACA	26	413
TS	NM_001071	S0280/TS.f1	GCCTCGGTGTGCCTTTCA	18	414
TS	NM_001071	S0282/TS.r1	CGTGATGTGCGCAATCATG	19	416
TS	NM_001071	S4780/TS.p1	CATCGCCAGCTACGCCCTGCTC	22	415
upa	NM_002658	S0283/upa.f3	GTGGATGTGCCCTGGAAGGA	19	417

Table 6H

Gene	Accession	Probe Name	Seq	Length	SEQ ID NO:
upa	NM_002658	S0285/upa.r3	CTGCGGATCCAGGGTAAGAA	20	418
upa	NM_002658	S4769/upa.p3	AAGCCAGGCGTCTACACGAGAGTCTCAC	28	419
VDR	NM_000376	S2745/VDR.f2	GCCCTGGATTTCAGAAAGAG	20	420
VDR	NM_000376	S2746/VDR.r2	AGTTACAAGCCAGGGAAGGA	20	421
VDR	NM_000376	S4962/VDR.p2	CAAGTCTGGATCTGGGACCCCTTTC	25	422
VEGF	NM_003376	S0286/VEGF.f1	CTGCTGTCTTGGGTGCATTG	20	423
VEGF	NM_003376	S0288/VEGF.r1	GCAGCCTGGGACCACTTG	18	424
VEGF	NM_003376	S4782/VEGF.p1	TTGCCTTGCTGCTCTACCTCCACCA	25	425
VEGFB	NM_003377	S2724/VEGFB.f1	TGACGATGGCCTGGAGTGT	19	426
VEGFB	NM_003377	S2725/VEGFB.r1	GGTACCGGATCATGAGGATCTG	22	427
VEGFB	NM_003377	S4960/VEGFB.p1	CTGGGCAGCACCAAGTCCGGA	21	428
WISP1	NM_003882	S1671/WISP1.f1	AGAGGCATCCATGAACCTCACA	22	429
WISP1	NM_003882	S1672/WISP1.r1	CAAACCTCCACAGTACTTGGGTTGA	24	430
WISP1	NM_003882	S4915/WISP1.p1	CGGGCTGCATCAGCACACGC	20	431
XIAP	NM_001167	S0289/XIAP.f1	GCAGTTGGAAGACACAGGAAAGT	23	432
XIAP	NM_001167	S0291/XIAP.r1	TGCGTGGCACTATTTTCAAGA	21	434
XIAP	NM_001167	S4752/XIAP.p1	TCCCCAAATTGCAGATTATCAACGGC	27	433
YB-1	NM_004559	S1194/YB-1.f2	AGACTGTGGAGTTTGATGTTGTTGA	25	435
YB-1	NM_004559	S1195/YB-1.r2	GGAACACCAACGAGACCTGTAA	22	436
YB-1	NM_004559	S4843/YB-1.p2	TTGCTGCCTCCGCACCCTTTTCT	23	437
ZNF217	NM_006526	S2739/ZNF217.f3	ACCCAGTAGCAAGGAGAAGC	20	438
ZNF217	NM_006526	S2740/ZNF217.r3	CAGCTGGTGGTAGGTTCTGA	20	439
ZNF217	NM_006526	S4961/ZNF217.p3	CACTCACTGCTCCGAGTGCGG	21	440